

CROSS DISCIPLINARY STUDIES MINOR IN HEAVY CIVIL

Minor Requirements and Curriculum

The minor must be completed prior to, or at the same time as, the requirements for the bachelor's degree. A major and a minor may not be taken in the same degree program, and a minor is not required for a degree. Requirements for the minor include:

- At least half of the units must be from upper-division courses (3000-4000 level).
- At least half of the units must be taken at Cal Poly (in residence).
- No more than one-third of the units will be taken with credit-no credit grading (CR/NC), not counting courses with mandatory CR/NC. Departments may further limit CR/NC grading if desired.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.

Code	Title	Units
REQUIRED COURSES		
CE 3321	Fundamentals of Transportation Engineering	4
CE/CM 4436	Heavy Civil Temporary Structures and Shoring	3
CE/CM 4437	Heavy Civil Projects and Equipment	3
CM 3314	Heavy Civil Construction Management	4
CM 4485	Cooperative Education Experience	2
Approved Construction Management Electives		
Select from the following:		3-4
CM 1280	Fundamentals of Virtual Design and Construction Management	
CM 3334	Construction Law	
CM 4420	Professional Preparation	
CM 4421	Interdisciplinary Practices	
Approved Civil Engineering Electives		
Select from the following:		3-4
CE 2251	Computational Applications in Civil and Environmental Engineering	
CE 3465	Infrastructure Systems	
CE 4413	Advanced Civil Computer-Aided Site Design	
CE 4429	Highway Pavement Design	
CE 4474	Environmental Compliance and Permitting	
Total Units		22-24